

AMENDMENTS TO THE SPECIFICATIONIn the Title

Please replace the Title with the following amended title:

"Using Photo-Plethysmography to Monitor Autonomic Tone and ~~Perform~~ Performing
Pacing Optimization Based on Monitored Autonomic Tone"

Please replace paragraph [0001] with the following paragraph:

[0001] This application is a continuation-in-part of U.S. Patent Application No. 10/208,081 filed July 29 (now U.S. Patent No. 6,942,622), 2002, which is a continuation-in-part of U.S. Patent Application No. 09/467,298, filed December 17, 1999 (now U.S. Patent No. 6,480,733), which is a continuation-in-part of Application No. 09/438,017, filed November 10, 1999 (now U.S. Patent No 6,409,675), each of which is incorporated herein by reference.